MA NO	BAITTAL EC)DM	Application No.	10/750,029
TRANS	MITTAL FO	JKIVI	Filing Date	December 30, 2003
(to be used for all	correspondence afte	er initial filing)	First Named Inventor	Sung-Ik PARK
			Art Unit	
			Examiner Name	
Total Number of F	ages in This Submissior	10	Attorney Docket Number	51876P455
	ENCLOS	URES (chec	ck all that apply)	
Fee Transmittal	Form	Drawing(s)	After Allowance Comm to Group
Fee Attach	ed	Licensing-r	related Papers	Appeal Communication of Appeals and Interference
Amendment / Res	sponse	Petition		Appeal Communication (Appeal Notice, Brief, Reply
After Final	declaration(s)	Petition to O Provisional	Convert a Application	Proprietary Information
Extension of Time	e Request	Power of A Change of	ttorney, Revocation Correspondence Address	Status Letter Other Englesure(s)
Express Abandor	nment Request	Terminal C	Disclaimer	Other Enclosure(s) (please identify below):
Information Discl	osure Statement	Request for	r Refund	Two cited IDS Refer and return postcard
PTO/SB/0	3	CD, Number	er of CD(s)	and return postcard
Certified Copy of Document(s)	Priority			
Response to Mis	sing Parts/			
	Filing Fee	Remarks		
Decla	ration/POA			
Response Parts unde 1.52 or 1.5	to Missing er 37 CFR 3			
	SIGNATURE	OF APPLICA	NT, ATTORNEY, OR AG	ENT
Firm or	Eric S. Hyman,	Reg. No. 30	,139	
Individual name	BLAKELY, S	окоробь.	TAYLOR & ZAFN	MAN LLP
Signature		The		
Date	March 30, 200	4		

Typed or printed name Linda D'Elia
Signature Date

Based on PTO/SB/21 (02-04) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 02/10/2004. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

March 30, 2004

TRANSMITTAL for FY 2004

Effective 10/01/2004. Patent fees are subject to annual revision.

Applicant daims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT

(\$)

0.00

Complete if Known Application Number 10/750,029 Filing Date December 30, 2003 First Named Inventor Sung-Ik PARK Examiner Name Art Unit Attorney Docket No. 51876P455

METHOD OF PAYMENT (check all that apply)				FE	EE CALCULATION (continued)	
Check Credit card Money Other None	3. A	DDITIO	NAL	FEES	5	
Deposit Account	Large	Entity	Sma	II Entity	у	
	Fee Code	Fee (\$)	Fee Code	Fee (\$)	-	
Account Number 02-2666						eePaid
- Humbol	1051 1052	130 50	2051 2052	65 25	Surcharge - late filing fee or oath Surcharge - late provisional filing fee or	
Account Name Blakely, Sokoloff, Taylor & Zafman LLP				_	cover sheet.	
	2053	130	2053	130	Non-English specification	
The Commissioner is authorized to: (check all that apply)	1812 1804	2,520 920 *	1812	2,520 920	For filing a request for ex parte reexamination * Requesting publication of SIR prior to	
Charge fee(s) indicated below Credit any overpayments	1004	-	100.4	425	Examiner action	
Charge any additional fee(s) or underpayment of fees as required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.	1805	1,840 *	1805	1,840	* Requesting publication of SIR after Examiner action	
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account		110	 		Extension for reply within first month	
FEE CALCULATION	1251	110 420	2251	55 210	Extension for reply within second month	
1. BASIC FILING FEE	1252 1253	950	2252 2253	475	Extension for reply within third month	
Large Entity Small Entity	1254	1,480	2254	740	Extension for reply within fourth month]
Fee Fee Fee Fee Description FeePaid	1255	1,210	2255	605	Extension for reply within fifth month	
	1404	330	2401	165	Notice of Appeal	
1001 770 2001 385 Utility filing fee 1002 340 2002 170 Design filing fee	1402	330	2402	165	Filing a brief in support of an appeal	
1003 530 2003 265 Plant filing fee	1403	290	2403	145	Request for oral hearing	
1004 770 2004 385 Reissue filing fee	1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1005 160 2005 80 Provisional filing fee	1452	110	2452	55	Petition to revive - unavoidable	
SUBTOTAL (1) (\$)	1453	1,330	2453	665	Petition to revive - unintentional	
	1501	1,330	2501	665	Utility issue fee (or reissue)	
2. EXTRA CLAIM FEES Extra Fee from Claims below FeePat	1502	480	2502	240	Design issue fee	
Total Claims 11 20 = 0 x 9.00 = \$0.00	1503 1460	640 130	2503 2460	320 130	Plant issue fee	
Independent 2 3** = 0 x 43.00 = \$0.00	1807	50	1807	50	Petitions to the Commissioner Prosessing fee under 37 CFR 1.17(q)	
Multiple Dependent =	1806	180	1806	180	Submission of Information Disclosure Stmt	
Large Entity Small Entity	8021	40	8021	40	Recording each patent assignment per	
Fee Fee Fee Fee Description	1				property (times number of properties)	ľ
Code (\$)	1809	770	1809	385	Filing a submission after final rejection (37 CFR § 1.129(a))	
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1810	770	2810	385	For each additional invention to be	
1201 86 2201 43 Independent claims in excess of 3 1203 290 2203 145 Multiple Dependent claim, if not paid	.0.0		20.0	0.0	examined (37 CFR § 1.129(b))	
1204 86 2204 43 **Reissue independent claims over original	1801	770	2801	385	Request for Continued Examination (RCE)	
patent	1802	900	1802	900	Request for expedited examination of a design application	
1205 18 2205 9 **Reissue claims in excess of 20 and over original patent	Other fe	e (specify)	ı			
. SUBTOTAL (2) (\$) 0.00	00.0710	o (opoui,))				
**or number previously paid, if greater, For Reissues, see below	*Reduce	d by Basic F	iling Fee	Paid	SUBTOTAL (3) (\$)	
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SUBMITTED BY	T p.	egistratio	n No	1	Complete (if applicable)	
Name (Print/Type) Eric S. Hyman		torney/Age		士:	30,139 Telephone (310) 207-38	
Signature					Date 03/30/04	

Based on PTO/SB/17 (10-03) as modified by Blakety, Solokoff, Taytor & Zafman (wtr.) 2211/2004. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Docket No.: 51876P455

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Rethe Application of:

SUNG-IK PARK, ET AL.

Application No.: 10/750,029

Filed: December 30, 2003

For: ON-CHANNEL REPEATING APPARATUS AND

METHOD FOR TERRESTRIAL DIGITAL TELEVISION BROADCASTING SERVICE

Art Group:

Examiner:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §1.97

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

In accordance with the duty of disclosure, enclosed is a copy of IDS Citation Form PTO/SB/08 or PTO-1449, together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications need not be enclosed for applications filed after June 30, 2003). This IDS and IDS Citation Form are being submitted within three (3) months of filing of the application. It is respectfully requested that the cited references be considered and that the enclosed copy of PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

-1-

The submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made in the subject application and is not to be construed as an admission that the information cited in this statement is material to patentability.

Please charge any fees due to Deposit Account 02-2666. A duplicate copy of the Fee Transmittal (PTO/SB/17) is enclosed for this purpose.

Res	pectfully	submitted,
	peculary	Daoinite

TAXLOR & ZAFMAN LLP

Date: March 30, 2004

Eric S. Hyman, . No. 30,139

12400 Wilshire Boulevard, 7th Floor Los Angeles, CA 90025 Telephone: (310) 207-3800

> I hereby certify that this correspondence is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop: DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Linda D'Elia

Substitute for form 1449A/PTO

Substitute for form 1449A/PTO INFORMATION DISCUSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

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1 Sheet of

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	(Complete if Known
	Application Number	10/750,029
	Filing Date	December 30, 2003
	First Named Inventor	Sung-Ik PARK
	Art Unit	
_	Examiner Name	
	Attomey Docket Number	51876P455

	U.S. PATENT DOCUMENTS							
		Document Number	Publication Date		Pages Columns Lines Where			
Examiner Initials*	Cite No.1	Number - Kind Code ² (if known)	Publication Date or Issue Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
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Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document		T⁵	
		1020020088304	11-27-2002	LG ELECTRONICS INC.		Αb	stract
						<u> </u>	
			<u>. </u>				

Examiner	Date
Signature	Considered
	[

Based on PTO/SB/08A (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wlr) 08/11/2003.

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

2 2 of Sheet

Complete if Known				
Application Number	10/750,029			
Filing Date	December 30, 2003			
First Named Inventor	Sung-Ik PARK			
Art Unit				
Examiner Name				
Attorney Docket Number	51876P455			

Examiner Initials* Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. KHALIL SALEHIAN, ET AL., "On-Channel Repeater for Digital Television Broadcasting Service", IEEE Transactions on Broadcasting, Vol. 48, No. 2, June 2002 (pp. 97-102)	T²
	KHALIL SALEHIAN, ET AL., "On-Channel Repeater for Digital Television Broadcasting Service", IEEE Transactions on Broadcasting, Vol. 48, No. 2, June 2002 (pp. 97-102)	
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Examiner Date Signature Considered

Based on PTO/SB/08B (08-03) as modified by Blakely, Solokoff, Taylor & Zafman (wtr) 08/11/2003. Send To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

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